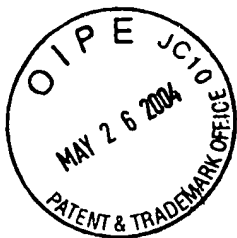


1FW



MERL-1508

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: :
Hornig : Art Unit: Unknown
: :
Serial No: 10/698,104 :
: Examiner: Unknown
: :
Filed: October 31, 2003 :
: :

Title: Transmit Diversity Gain for Wireless Communication Network

Date of Deposit: May 24, 2004

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service as FIRST CLASS MAIL addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Clifton D. Mueller

Name of Depositor

Clifton D. Mueller

Signature

* * *

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Pursuant to 37 C.F.R. §1.56(a), Applicant hereby cites the following documents (copies enclosed) listed on the attached copy of Form PTO-1449.

This Information Disclosure Statement is filed in accordance with the paragraph of 37 CFR §1.97 checked below:

X 1.97(b) This Information Disclosure Statement is filed:

- (1) Within three months of the filing date of a national application; OR
- (2) Within three months of the date of entry of the national stage of an international application; OR
- (3) Before the mailing of a first Office Action on the merits.

No fee or certification is required.

 1.97(c) This Information Disclosure Statement is filed after the period specified in paragraph (b) above, but before the mailing date of either:

- (1) A Final Action under 37 CFR 1.113; OR
- (2) A Notice of Allowance under 37 CFR 1.311;

AND is accompanied by either:
(check one)

_____ the Certification under 37 CFR
1.97(e) as set out below; OR

_____ the fee of \$240.00 under 37 CFR
1.17(p).

___ 1.97(d) This Information Disclosure Statement is filed
after the mailing date of either:

- (1) a Final action under 37 CFR 1.113; OR
- (2) A Notice of Allowance under 37 CFR 1.311;

BUT before payment of the Issue Fee, AND is accompanied
by:

- (1) the Certification under 37 CFR 1.97(e) as
set out below; AND
- (2) Petition is hereby made under 37 CFR
1.97(d) for consideration of this
Information Disclosure Statement; AND,
- (3) Authorization to charge the petition fee
of \$130.00 as set out in 37 CFR 1.17(i).

If this Information Disclosure Statement is being filed
under 37 CFR 1.97(c) or 1.97(d), the undersigned Attorney hereby

certifies that:

— each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing date of this Statement;

or

— no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, or to the knowledge of the undersigned Attorney after making reasonable enquiry, was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing date of this Statement.

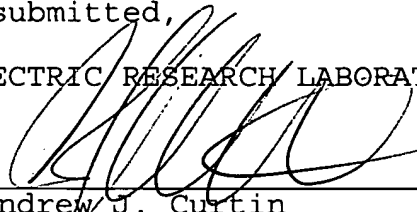
Authorization is hereby given to charge the indicated fee(s)
to Deposit Account No. 50-0749.

Please charge any additional fee due for this paper to
Deposit Account No. 50-0749.

Respectfully submitted,

MITSUBISHI ELECTRIC RESEARCH LABORATORIES

By:



Andrew J. Curtin

Reg. No. 48,485

Attorney for Assignee

Mitsubishi Electric Research Laboratories, Inc.
201 Broadway
Cambridge, Massachusetts 02139
(617) 621-7539

Customer No. 022199

Enclosures

Form PTO-1449 (modified 2/91)	U.S. DEPT OF COMMERCE Patent and Trademark Office	Attorney Docket Number: MERL-1508	Serial Number: 10/698,104
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Applicant: Horng	
		Filing date: October 31, 2003	Group art area:

U.S. PATENT DOCUMENTS

Examiner Initial	Patent number	Date	Name	Class	Subclass	Filing date if appropriate

FOREIGN PATENT DOCUMENTS

	Document number	Date	Country	Class	Subclass	Translation	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1.	Valaee, et al., "Resource Allocation for Video Streaming in Wireless Environment," IEEE International Symposium on Wireless Personal Multimedia Communications (WPMC 02), October 2002.
2.	
3.	
4.	

Examiner:	Date Considered:
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP .609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.